

LMCP – SW

Basic operating software for LMCP – mobile computing platform

- **LMCP-28H-NG**
- **LMCP-41H**
- **LMCP-7**



Description:

The OPTOKON LMCP series introduces the new generation of highly versatile mobile computing platform which delivers a powerful and rugged **network router, network switch, server and VoIP** call manager.

The system is equipped with power full **Intel® Xeon®** processor, high capacity RAM, two removable Storage disc SSD and wide range of connection ports, both fiber optic and copper wires.

HW Basic parameters

Base Board:

- Intel® Xeon® processor D-1500 product family
- **Up to 64 GB RAM** ECC DDR4 2400 MHz
- Dual removable SSD 2.5 inch
- On board expansion slot M.2 NVMe PCI-E 3.0 x4

Switch:

- 8x 10/100/1000Base-T switched PoE+ ports
- 2x 100/1000Base-X ports
- Advanced PoE+ management, max. output power budget 60 W

Server port configuration:

- 1x 10GBase-T of 3/5 routed 1 GbE ports
- 3/5 routed 1 GbE ports
- 10x USB 2.0
- 1x USB 3.0
- CAN bus
- Video VGA port

Management and monitoring:

- IPMI with dedicated LAN, Support for Intelligent Platform Management Interface v2.0 with virtual media over LAN and KVM-over-LAN
- HW Monitoring (CPU, temperature, voltage, failure,...)
- HW Notifications sent via email and SNMP traps

Virtual Machine - Cent OS 7
LMCP-system

VMware ESXi 6.0.0.

LMCP

Basic LMCP SW configuration:

Overview of SW components:

Item	Part number	Description
Standard items:		
1.1	VMware ESXi version 6.0.0	Evaluation mode 60 days expiration
1.2	CentOS 7.6	LMCP – Linux system Cent OS 7.6
1.3	LSW-WLCK-V1.10305	LMCP web interface, version V1.10305
Options:		
1.4	Cisco CUCM V11.5	SW Cisco Call manager version 11.5
1.5	LSW-GPS V1.0	GPS transfer protocol SW version 1.0